

OPERATING DATA REPORT

DOCKET NO. 50-333
 DATE JUNE 1985
 COMPLETED BY J. Cook
 TELEPHONE (315)342-3840

OPERATING STATUS

- | | | |
|--|---|-------|
| 1. Unit Name: FtizPatrick | : | : |
| 2. Reporting Period: <u>850501 - 850531</u> | : | Notes |
| 3. Licensed Thermal Power (MWt): <u>2436</u> | : | : |
| 4. Nameplate Rating (Gross MWe): <u>883</u> | : | : |
| 5. Design Electrical Rating (Net MWe): <u>821</u> | : | : |
| 6. Maximum Dependable Capacity(Gross MWe): <u>830</u> | : | : |
| 7. Maximum Dependable Capacity(Net MWe): <u>810</u> | : | : |
| 8. If Changes Occur in Capacity Ratings (Items 3 Through 7) Since Last Report, Give Reasons:
NONE | | |
| 9. Power Level To Which Restricted, If Any (Net MWe): <u>NONE</u> | | |
| 10. Reasons For Restrictions, If Any: _____ | | |

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	743	3623	86304
12. Number Of Hours Reactor Was Critical	66.9	1163.7	60779.7
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	0	1096.8	59044.1
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	960	2559792	125495746
17. Gross Electrical Energy Generated (MWH)	0	873930	431542210
18. Net Electrical Energy Generated (MWH)	0	845655	41243660
19. Unit Service Factor	0	30.3%	68.4%
20. Unit Availability Factor	0	30.3%	68.4%
21. Unit Capacity Factor (Using MDC Net)	0	28.8%	62.0%
22. Unit Capacity Factor (Using DER Net)	0	28.4%	58.2%
23. Unit Forced Outage Rate	0	0	13.3%

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): _____
25. If Shut Down At End Of Report Period, Estimated Date of Startup: June 1, 1985
26. Units In Test Status (Prior to Commercial Operation):
- | | | |
|----------------------|----------|----------|
| | Forecast | Achieved |
| INITIAL CRITICALITY | _____ | _____ |
| INITIAL ELECTRICITY | _____ | _____ |
| COMMERCIAL OPERATION | _____ | _____ |

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 PDR ADOCK 05000333
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IE24 1/1

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-333

UNIT FitzPatrick

DATE June 1985

COMPLETED BY J. Cook

TELEPHONE (315)342-3840

MONTH May 1985

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	-
2	-
3	-
4	-
5	-
6	-
7	-
8	-
9	-
10	-
11	-
12	-
13	-
14	-
15	-
16	-

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	-
18	-
19	-
20	-
21	-
22	-
23	-
24	-
25	-
26	-
27	-
28	-
29	-
30	-
31	-

SUMMARY: The FitzPatrick plant remained shutdown for this reporting period.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-333
 UNIT NAME FitzPatrick
 DATE June 1985
 COMPLETED BY J. Cook
 TELEPHONE (315)342-3840

REPORT MONTH MAY 1985

NO.	DATE	TYPE	DURATION (HOURS)	REASON	METHOD OF SHUTTING DOWN REACTOR	LICENSEE EVENT REPORT #	SYSTEM CODE ⁴	COMPONENT CODE ⁵	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
3	850214	S	743	C	3	85-006	TB	N/A	Shutdown for refueling (cumulative hours 2526.2)

1
 F: Forced
 S: Scheduled

2
 Reason:
 A-Equipment Failure(Explain)
 B-Maintenance of Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error(Explain)
 H-Other(Explain)

3
 Method:
 1-Manual
 2-Manual Scram
 3-Automatic Scram
 4-Other(Explain)

4
 Exhibit G. Instructions for Preparation of Data Entry Sheets for Licensee Event Report(LER) File NUREG 0161

JAMES A. FITZPATRICK NUCLEAR POWER PLANT
POWER AUTHORITY OF THE STATE OF NEW YORK

REFUELING INFORMATION

1. The date of the next scheduled refueling outage is October, 19 86.
2. The scheduled date for restart following refueling is June, 19 85.
3. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?

YES If yes, describe in general what these will be and go to question 5.

~~New Maximum Average Planar Linear Heat Generation Rate and new Minimum Critical Power Ratio Limits~~

NO If no, answer question 4.

4. ANSWER ONLY IF ANSWER TO 3. ABOVE IS NO.
Has the reload fuel design and core configuration been reviewed by the Plant Safety Review committee to determine whether any unreviewed safety questions are associated with the core reload (Ref. 10 CFR Section 50.59)?

YES

NO The next scheduled review date is _____, 19 _____.

5. ANSWER ONLY IF ANSWER TO 3. ABOVE IS YES.
The scheduled date for submitting proposed licensing action and supporting information is January, 19 85.

- | 6. Answer the following important licensing considerations | YES | NO |
|---|-------------------------------------|-------------------------------------|
| a) New fuel design? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| b) New fuel supplier? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| c) Are there any new unreviewed design or performance analysis methods? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| d) Are there any new operating procedures? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| e) Other | <input type="checkbox"/> | <input type="checkbox"/> |

Specify: _____

7. There are normally 560 fuel assemblies in the core during operation, presently there are 560 in the core.
8. a) There are 1012 fuel assemblies of the licensed allowable 2244 in the spent fuel pool.
b) An increase in the licensed storage capacity:

_____ is not being contemplated at this time.

X is not planned at this time for an additional _____ fuel assemblies.

_____ has been requested for an additional _____ fuel assemblies.

9. January, 19 90 is the last possible refueling date that can be projected at this time given the presently licensed spent fuel pool storage capacity.

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

MAY 1985

The FitzPatrick plant remained shutdown for this reporting period. A reactor startup was commenced on May 28, 1985 for post outage testing with expected generator on line to be June 1, 1985.

NEW YORK POWER AUTHORITY
 JAMES A. FITZPATRICK NUCLEAR POWER PLANT
 SAFETY RELATED ELECTRICAL & MECHANICAL MAINTENANCE SUMMARY
 MAY 1985

DATE	SYSTEM	WORK REQUEST # COMPONENT	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
3/8	10	35560 MOV-26A	LLRT	Seat Leak	Lapped seat and disc.	142
3/1	10	36872 MOV-17	OPS	Faulty torque switch	Replaced torque switch.	6
2/23	02	35409 RWR-13A	LLRT	Seat Leak	Lapped seat and disc. Replaced spring.	25
4/30	03	33782 HCU 38-27	OPS	Packing Leak on III valve	Repacked III valve.	1
4/30	03	36660 HCU 22-23	OPS	Packing Leak on III valve	Repacked III valve.	1
4/30	03	36661 HCU 26-27	OPS	Packing Leak on III valve	Repacked III valve.	1
5/7	03	22603 CRD-14-27, 22-07, 14-19, 46-35, 38-35, 18-35	Hydro	O-ring Leak	Re-torqued.	2
4/19	02	35412 RWR-14B	LLRT	Seat Leak	Replaced valve.	120
5/5	23	33893 HPI-12	LLRT	Seat Leak	Lapped seat and disc	159
3/8	23	35418 HPI-11	LLRT	Body to bonnet leak	Replaced bonnet gasket; cleaned internals.	60
5/5	20	36234 AOV-83	N/A	No Malfunction	Replaced solenoid and position indication switches per M1-84-098.	26
4/17	20	36235 AOV-95	N/A	No Malfunction	Replaced solenoid and position indication switches per M1-84-098.	20

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 MAY 1985

DATE	SYSTEM	WORK REQUEST # COMPONENT	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
5/2	14	33443 AOV-13B	OPS	Leaking solenoid valve	Replaced solenoid.	6.5
5/1	13	21103 RCI-703 & 704	OPS	Loose Packing	Adjusted packing.	2
3/12	13	35408 MOV-15	LLRT	Body to Bonnet Leakage	Lapped seat and disc; repaired steam, cut in bonnet, repacked.	337
5/9	10	34252 RHR-756A	OPS	Broken Stem	Replaced stem.	4
5/8	10	27108 AOV-68B	OPS	Leaking Solenoid Valve	Replaced solenoid.	13
5/1	93	27123 EDG-B	N/A	No Malfunction	Preventive Maintenance.	704
5/1	93	27124 EDG-D	N/A	No Malfunction	Preventive Maintenance.	721
5/2	93	35428 EDG-A,B,C & D	OPS	Loose Fittings	Repaired air leaks.	271
4/25	29	38665 MST-1002B	Pressure Test	Seat Leak	Replaced valve.	10
4/25	29	38666 MST-1002C	Pressure Test	Seat Leak	Replaced valve.	10
3/26	27	35421 AOV-131A	LLRT	Seat Leak	Replaced internals.	30
5/8	27	35575 SOV-125B	LLRT	Seat Leak	Replaced valve.	74

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DATE	SYSTEM	WORK REQUEST # COMPONENT	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
5/22	23	35416 MOV-59	LLRT	Packing Leak	Repacked, repaired operator.	126
5/4	23	35417 HPI-65	LLRT	Seat Leak	Ground seat and disc.	245
5/2	10 & 27	25428 10SV-74A & B 27SV-113	N/A	No Malfunction	Replaced carbon steel cotter pin with stainless steel cotter pin per NRC I.E. 84-33	12
5/5	46	35574 ESW-16A	LLRT	Seat Leak	Lapped disc and seat.	19
3/28	46	35484 P-2A	OPS	Unreliable E.C. Devices	Replaced E.C. devices.	13
3/6	46	23875 ESW-16B	N/A	No Malfunction	Disassembled and reassembled for temporary d.w. cooling.	4
5/2	71	22696 Circuit Bkrs: 12510 & 12610	OPS	Unreliable E.C. Devices	Replaced E.C. devices with solid state devices per F1-85-033.	44
4/29	71	22698 SB-1A & 1B	Visual	Maintenance in Area	Cleaned batteries.	20
5/2	71	21079 IBC-3 & 4	N/A	No Malfunction	Provide temporary power during bus maintenance.	2
5/7	29	22504 MOV-102	Visual	Loose Packing	Adjusted packing.	2
5/3	93	27133 EDG-D	Visual	Vibration	Installed new brushes and tightened holders.	2

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 MAY 1985

DATE	SYSTEM	WORK REQUEST # COMPONENT	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
5/13	15	22704 MOV-103	OPS	Overtorqued using handwheel	Replaced broken drive sleeve cap.	8
5/13	71	22705 INV-3A	Alarm	Dirt in fan motor bearings	Lubricated fans.	46
5/13	10	28616 MOV-25A	OPS	Loose Limitorque mounting bolts	Torqued bolts.	8
5/13	10	35493 P-1C	OPS	Oil Contaminated with Water	Replaced oil.	24
5/8	29	23882 AOV-80D	Visual	Packing Leak	Adjusted packing	2
5/13	29	23883 AOV-80C	Visual	Packing Leak	Repacked valve.	16
5/11	27	36774 AOV-118	OPS	No Position Indication	Installed new position indicator.	2
5/11	29	22619 AOV-80A & B	Visual	Packing Leaks	Adjusted packing.	2
5/10	10	34251 RHR-755A	Visual	Packing Leaks	Replaced stem and bonnet.	3
5/9	34	35562 NRV-111B	LIRT	Seat Leak	Replaced valve seat.	951
5/13	23	36669 MOV-58	Testing	Motor Failure	Replaced motor.	40
5/14	29	37322 MOV-102	Hydro	Packing Leak	Packing adjustment.	3

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DATE	SYSTEM	WORK REQUEST # COMPONENT	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
5/14	12	22703 MOV-80	OPS	Drive Sleeve Gear Failure	Repaired Limitorque.	76
5/17	10	23885 P-1C	OPS	Bent Impeller Shaft	Repaired shaft.	228
5/17	76	35518 P-2	OPS	Packing Leak	Repacked pump.	48
5/17	12	22606 MOV-15	Hydro	Packing Leak	Adjusted packing.	2
5/17	10	23886 AOV-68A	Hydro	Gasket Leak	Replaced gasket.	108
5/17	27	33760 AOV-116	OPS	Limit Switch Failure	Replaced limit switch.	30
5/17	71	22707 10650	OPS	Breaker Will Not Charge	Lubricated latch monitor switch.	4
5/17	10	36783 MOV-89B	OPS	Torque Switch Setting	Adjusted torque switch.	5
5/17	10	23231 RHR-664 & 665	OPS	Seat Leaks	Repaired valve seats.	16
5/18	76	37393 FPS-52	OPS	Gasket Leak	Replaced gasket.	8
5/17	71	21153 IB-1,2,3, 4	Testing	Old Age	Replaced instrument batteries.	90
5/21	10	36820 MOV-13A & C	OPS	Torque Switch	Reset torque switch.	4

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DATE	SYSTEM	WORK REQUEST # COMPONENT	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
5/20	76	33761 SD-41	OPS	Burned out light bulb	Replaced light bulb.	2
5/20	76	33763 SD-51	OPS	Burned out light bulb	Replaced light bulb.	2
5/20	02	23889 MOV-54B	Hydro	Worn Packing	Replaced valve.	1
5/20	03	36885 HCU 14-43	OPS	Seat Leak	Replaced HCU-111 Valve.	1
5/24	03	39627 HCU 30-31	OPS	Worn Seat	Replace 120 Valve.	6
5/24	27	39564 AOV-127B	OPS	Valve Will Not Operate	Repaired valve.	24
5/23	02	36788 AOV-17	OPS	Seat Leak	Repaired valve.	48
5/23	02	36716 AOV-18	OPS	Seat Leak	Repaired valve.	48
5/22	03	36840 CRD-26-23	OPS	Failed read switches	Replaced PI rod.	2
5/22	07	23238 NM-82B	OPS	Switch	Replaced switch.	6
5/22	29	36792 AOV-80C	OPS	Oil Leak	Repaired leak.	70
5/21	27	36808 AOV-116	OPS	Broken Shear Pin	Replaced shear pin.	16
5/21	76	34089 P-3	OPS	Packing Leak	Replaced packing.	12

James A. FitzPatrick
Nuclear Power Plant
P.O. Box 41
Lycoming, New York 13093
315 342.3840

Harold A. Glovier
Resident Manager



**New York Power
Authority**

June 10, 1985
JAFP 85- 0497

Director, Office of Inspection
and Enforcement
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

ATTENTION: DOCUMENT CONTROL DESK

REFERENCE: DOCKET NO. 50-333

Dear Sir:

Enclosed please find the J. A. FitzPatrick Operating Status Report for the month of May, 1985. Refueling information has been updated and is attached to this transmittal.

If there are any questions concerning this report, please contact John Cook at (315) 342-3840, Ext. 439.

by dir. R. Lawrence

HAROLD A. GLOVIER

JPC
HAG:JPC:mac
Enclosures

cc: Distribution

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